

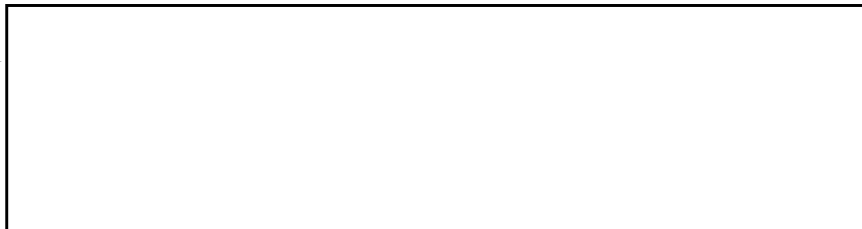
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CIA/PIR-11/64
April 1964

CENTRAL INTELLIGENCE AGENCY
PHOTOGRAPHIC INTELLIGENCE REPORT

SOVIET-TYPE SAM INSTALLATIONS, WACS 167, 168, 169, AND 170



Declass Review
by NIMA/DOD

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PREFACE

This is the fifth in a series of reports, prepared in response to CIA requirement C-RR3-80,733, presenting locational and other pertinent information on all Soviet-type surface-to-air missile (SAM) installations. 1-4/ Installations included are SAM launch sites (SA-1, SA-2, SA-3, and SA-0), antimissile-missile activities, SAM support facilities, SAM R & D and training facilities, and unidentified

installations, possibly SAM-related. The information will be presented by World Aeronautical Chart (WAC), and within each WAC by SAM defense area, as determined from photography and collateral sources. When the defense function of an installation cannot be determined, this will be so indicated. Where no installations have been identified in a WAC area, that WAC will be omitted.

INTRODUCTION

This report presents information on all Soviet-type SAM installations located in the areas covered by WACs 167, 168, 169, and 170 and identified on photography. The cutoff date for this information is 27 March 1964. Figure 1 shows all the WAC areas, except Cuba, which will be covered in this series; those in red are covered in this report. WACs covered in the previous reports are outlined in red, and the report number is indicated on the graphic. Diagrams of the configurations of the common types of SAM installations are presented in Figure 2. Information for each WAC is shown in a table (Tables 1-4), which gives detailed data, and a map (Figures 3-6), which indicates the location and type of each SAM installation. Due to the volume of data for WACs 167 and 168, Figures 3 and 4 have been repeated for easier reference.

Explanations of the columnar headings used in the tables are as follows:

Item--Given in numerical sequence for each WAC, with numbers assigned to installations arbitrarily, and keyed to the accompanying WAC.

Name, Site Designator, BE Number--In accordance with the TDI. Absence of any of this information indicates that it was not available at the time of publication.

Coordinates--Given in degrees, minutes, and seconds, and plotted from series 200 US Air Target Charts unless otherwise indicated in next column.

Country & Map Reference--BE country codes used. Map reference is to the Air Target Chart sheet number (scale 1:200,000) unless otherwise indicated.

Type & Configuration--Indicates the type of SAM installation and its configuration as illustrated in Figure 2.

Mission & Date First Appears--Gives the number and date of the mission on which the installation was first sighted.

Mission & Date Installation Negated--Refers to the latest photography on which it has been established that construction of the installation had not been started. Absence of any notation indicates that this information could not be determined.

Remarks--Covers items of special or unusual interest.

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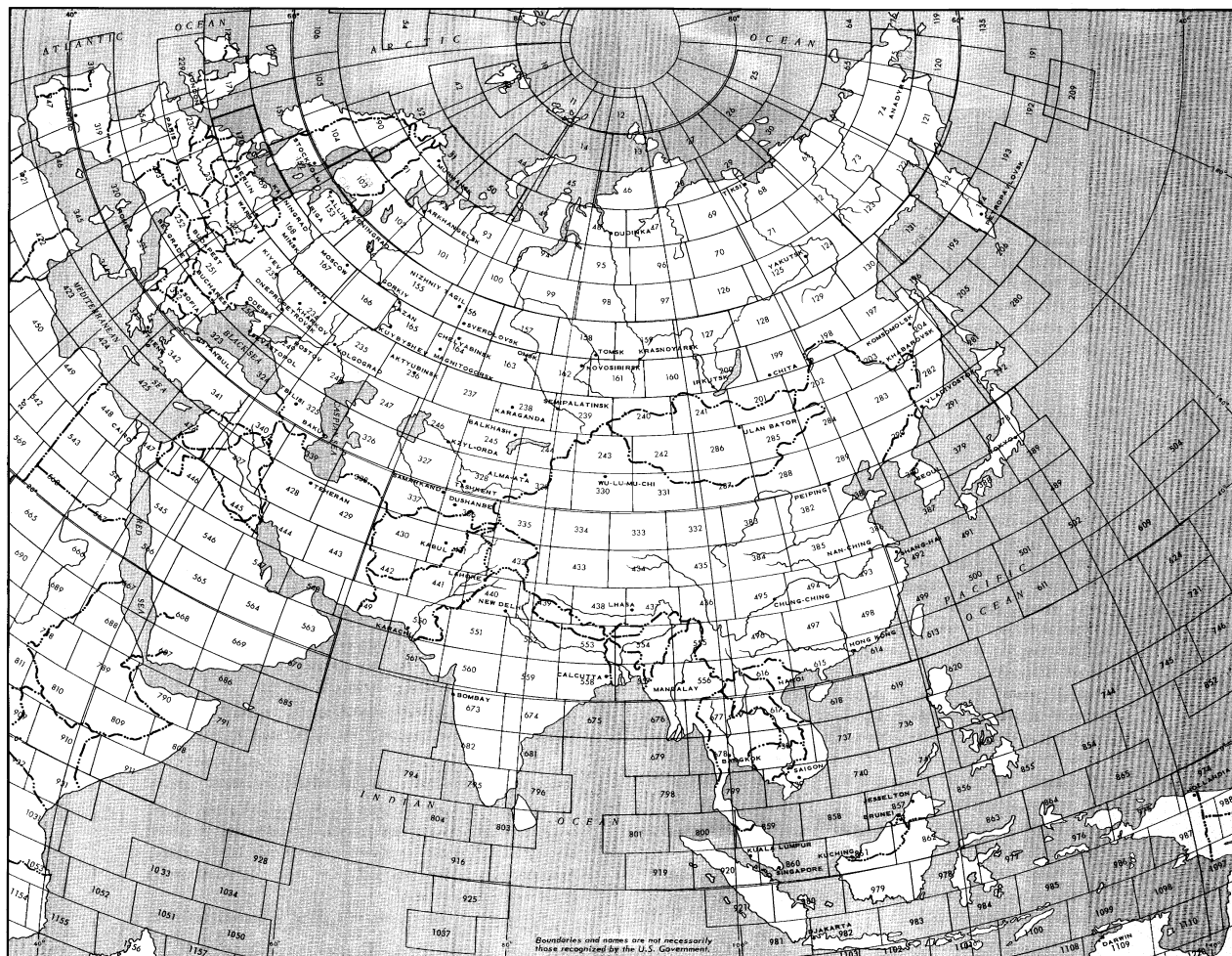


FIGURE 1. ALL AREAS TO BE COVERED IN THIS SERIES. Areas covered by this report in red; areas covered by preceding reports, red-bordered and report numbers indicated.

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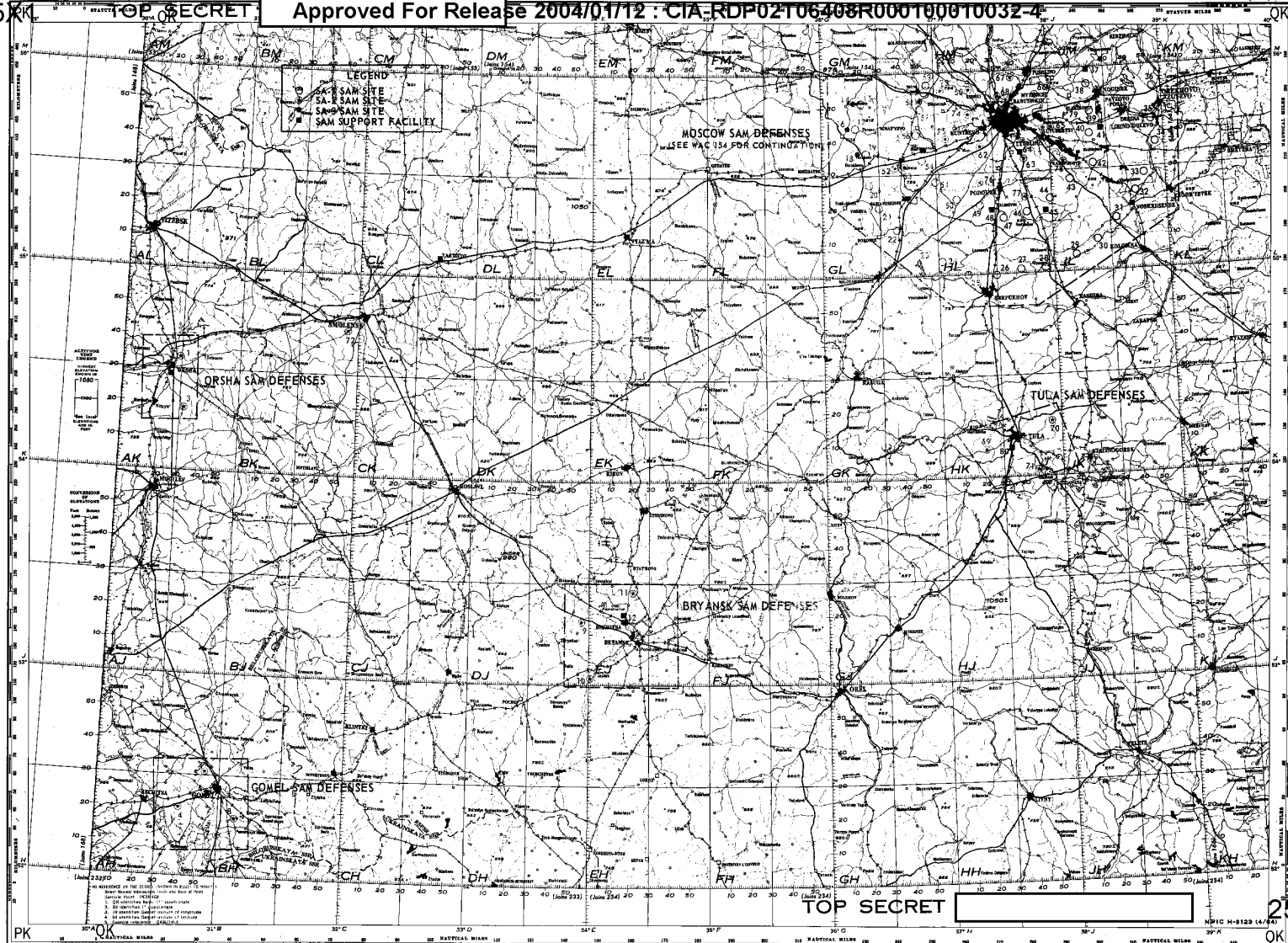
Table 1. SAM Installations on WAC 187

Item	Name, Site Designator, & BE No	Coordinates	Country & Map Ref	Type & Configuration	Mission & Date First Appears	Mission & Date Installation Negated	Remarks
A. Orsha SAM Defenses (in defense of long-range bomber base, strategic railroad facilities, and military training and storage facilities)							
1	Orsha SAM Site A04-2	54-84-15N 30-29-25E	UR 0187-6	SA-2, star			
2	Orsha SAM Support Facility,	54-29-00N 30-25-40E	UR 0187-6	Type II (square)			
3	Orsha SAM Site B16-2	54-19-00N 30-33-00E	UR 0187-11	SA-2, star			
B. Gomel SAM Defenses (in defense of long-range bomber base, MRBM complex, machine tool and agricultural machinery production, and transportation facilities)							
4	Gomel SAM Site B25-2,	52-21-00N 30-41-15E	UR 0187-21	SA-2, link			
5	Gomel SAM Site A33-2,	52-32-50N 30-53-55E	UR 0187-21	SA-2, probable link			
6	Gomel SAM Support Facility,	52-25-20N 30-55-20E	UR 0187-21	Type I (rectangular)			
7	Gomel SAM Site B18-2,	52-18-08N 31-00-53E	UR 0187-21	SA-2, link			
8	Gomel SAM Site A15-2,	52-18-00N 31-08-00E	UR 0187-21	SA-2, link			
C. Bryansk SAM Defenses (in defense of Bryansk complex, air-defense zone headquarters, and minor industrial plants)							
9	Bryansk SAM Site B29-2,	52-19-40N 33-56-20E	UR 0187-18	SA-2, link			
10	Bryansk SAM Site B23-2,	52-03-40N 34-01-40E	UR 0187-18	SA-2, link			
11	Bryansk SAM Site B01-2,	52-28-45N 34-23-00E	UR 0187-18	SA-2, link			
12	Bryansk SAM Support Facility,	52-21-15N 34-17-50E	UR 0187-18	Type II (square)			
13	Bryansk SAM Site A13-2,	52-11-08N 34-34-15E	UR 0187-18	SA-2, link			
D. Moscow SAM Defenses (in defense of Soviet capital--largest city in USSR: major military, industrial, and research center)							
14	Moscow SAM Site E28-3,	55-52-20N 36-18-40E	UR 0187-4	SA-3, configuration F			
15	Moscow SAM Site E28-1,	55-52-24N 36-17-58E	UR 0187-4	SA-1, herringbone			
16	Moscow SAM Site E27-3,	55-44-30N 36-14-30E	UR 0187-4	SA-3, configuration G			
17	Moscow SAM Site E27-1,	55-44-22N 36-18-03E	UR 0187-4	SA-1, herringbone			
18	Moscow SAM Site E26-3,	55-36-40N 36-19-00E	UR 0187-4	SA-3, configuration G			
19	Moscow SAM Site E26-1,	55-36-41N 36-19-26E	UR 0187-4	SA-1, herringbone			
20	Moscow SAM Site E25-1,	55-27-48N 36-24-24E	UR 0187-4	SA-1, herringbone			
21	Moscow SAM Site E24-1,	55-21-04N 36-29-27E	UR 0187-4	SA-1, herringbone			
22	Moscow SAM Site E23-1,	55-14-45N 36-36-18E	UR 0187-4	SA-1, herringbone			
23	Moscow SAM Site E22-1,	55-09-08N 36-50-42E	UR 0187-9	SA-1, herringbone			This is one of the four SA-1 sites at Moscow which shows possible AMM-associated activity.
24	Moscow SAM Site E21-1,	53-04-10N 37-01-20E	UR 0187-9	SA-1, herringbone			
25	Moscow SAM Site E20-1,	53-00-34N 37-14-09E	UR 0187-10	SA-1, herringbone			
26	Moscow SAM Site E19-1,	53-00-30N 37-29-32E	UR 0187-10	SA-1, herringbone			
27	Moscow SAM Site E18-1,	53-01-10N 37-42-20E	UR 0187-10	SA-1, herringbone			
28	Moscow SAM Site E17-1,	53-02-52N 37-55-42E	UR 0187-10	SA-1, herringbone			
29	Moscow SAM Site E16-1,	53-05-34N 38-10-43E	UR 0187-10	SA-1, herringbone			
30	Moscow SAM Site E15-1,	53-09-50N 38-22-17E	UR 0187-10	SA-1, herringbone			This is one of the four SA-1 sites at Moscow which show possible AMM-associated activity.
31	Moscow SAM Site E14-1,	53-15-81N 38-32-00E	UR 0187-5	SA-1, herringbone			
32	Moscow SAM Site E13-1,	53-28-37N 38-43-32E	UR 0187-5	SA-1, herringbone			
33	Moscow SAM Site E12-1,	53-28-32N 38-49-47E	UR 0187-5	SA-1, herringbone			
34	Moscow SAM Site E10-1,	53-37-12N 38-55-31E	UR 0187-5	SA-1, herringbone			
35	Moscow SAM Site E10A-1,	53-44-13N 38-54-54E	UR 0187-5	SA-1, herringbone			
36	Moscow SAM Site E08-1,	53-53-19N 38-54-49E	UR 0187-5	SA-1, herringbone			
37	Makarov SAM Storage Site,	53-59-45N 38-20-30E	UR 0187-5	Missile assembly and storage plant			This is one of seven such facilities deployed around Moscow.
38	Moscow SAM Site C07-1,	53-55-13N 38-20-28E	UR 0187-5	SA-1, herringbone			
39	Moscow SAM Site C09-1,	53-47-38N 38-21-40E	UR 0187-5	SA-1, herringbone			
40	Moscow SAM Site C10-1,	53-40-17N 38-21-59E	UR 0187-5	SA-1, herringbone			
41	Stepanovo SAM Storage Site,	53-41-30N 38-27-45E	UR 0187-5	Missile assembly and storage plant			This is one of seven such facilities deployed around Moscow.
42	Moscow SAM Site C12-1,	53-32-10N 38-22-40E	UR 0187-5	SA-1, herringbone			
43	Moscow SAM Site C14-1,	53-27-49N 38-09-01E	UR 0187-5	SA-1, herringbone			
44	Moscow SAM Site C16-1,	53-22-12N 37-58-51E	UR 0187-5	SA-1, herringbone			
45	Belyye Stolby SAM Storage Site,	53-19-20N 37-54-50E	UR 0187-5	Missile assembly and storage plant			This is one of seven such facilities deployed around Moscow.
46	Moscow SAM Site C17-1,	53-18-43N 37-46-05E	UR 0187-5	SA-1, herringbone			
47	Moscow SAM Site C19-1,	53-17-06N 37-34-35E	UR 0187-5	SA-1, herringbone			This site has a secured storage/support facility

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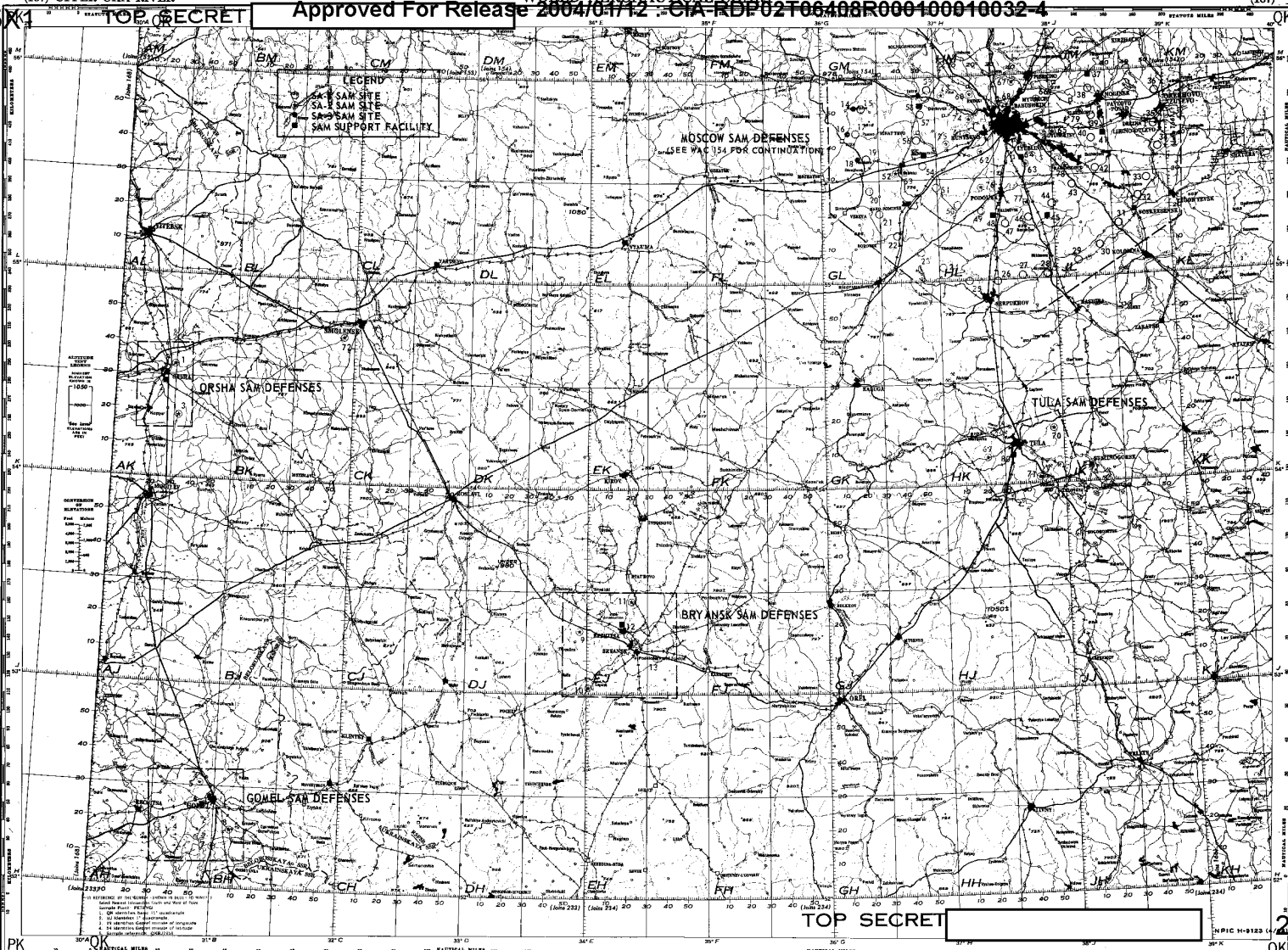
Table 1. (Continued)

Table 1. (Continued)									
Item	Name, Site Designator, & BE No	Coordinates	Country & Map Ref	Type & Configuration	Mission & Date First Appears	Mission & Date Installation Negated	Remarks		
D. Moscow SAM Defenses (continued)									
48	Klimovsk SAM Storage Site, [redacted]	55-19-40N 37-27-05E	UR 0187-5	Missile assembly and storage plant			This is one of seven such facilities deployed around Moscow.		
49	Moscow SAM Site C20-1, [redacted]	55-20-15N 37-22-07E	UR 0187-5	SA-1, herringbone					
50	Moscow SAM Site C22-1, [redacted]	55-22-57N 37-10-39E	UR 0187-4	SA-1, herringbone					
51	Moscow SAM Site C24-1, [redacted]	55-27-33N 36-58-25E	UR 0187-4	SA-1, herringbone					
52	Moscow SAM Site D25A-2, [redacted]	55-33-00N 36-40-50E	UR 0187-4	SA-2, unrevetted					
53	Moscow SAM Site D25-2, [redacted]	55-33-10N 36-41-10E	UR 0187-4	SA-2, link			This site, and Moscow SAM Site D25A-2, are possibly used for SAM training.		
54	Moscow SAM Site C25-1, [redacted]	55-34-35N 36-52-31E	UR 0187-4	SA-1, herringbone					
55	Golitsyno SAM Storage Site, [redacted]	55-37-50N 36-53-10E	UR 0187-4	Missile assembly and storage plant			This is one of seven such facilities deployed around Moscow.		
56	Moscow SAM Site C27-1, [redacted]	55-41-01N 36-49-55E	UR 0187-4	SA-1, herringbone					
57	Moscow SAM Site C28-1, [redacted]	55-49-17N 36-52-05E	UR 0187-4	SA-1, herringbone			This site has a secured storage/support facility collocated with it.		
58	Istra SAM Storage Site, [redacted]	55-51-30N 36-51-40E	UR 0187-4	Missile assembly and storage plant			This is one of seven such facilities deployed around Moscow.		
59	Moscow SAM Site C30-1, [redacted]	55-56-32N 36-55-05E	UR 0187-4	SA-1, herringbone					
60	Moscow SAM Site B31-2, [redacted]	55-54-10N 37-18-45E	UR 0187-5	SA-2, link					
61	Moscow SAM Site B26-2, [redacted]	55-42-15N 37-16-47E	UR 0187-5	SA-2, fan					
62	Moscow SAM Site B29-2, [redacted]	55-37-30N 37-25-00E	UR 0187-5	SA-2, fan					
63	Moscow SAM Site B16-2, [redacted]	55-34-20N 37-47-00E	UR 0187-5	SA-2, link					
64	Biryulevo SAM Support Facility, [redacted]	55-35-50N 37-44-00E	UR 0187-5	Type 1 (rectangular)					
65	Moscow SAM Site B11-2, [redacted]	55-42-00N 38-00-00E	UR 0187-5	SA-2, link					
66	Moscow SAM Site B06-2, [redacted]	55-52-30N 37-53-30E	UR 0187-5	SA-2, link					
67	Moscow SAM Site B01-2, [redacted]	55-57-50N 37-40-10E	UR 0187-5	SA-2, link					
68	Moscow SAM Site A35-2, [redacted]	55-52-24N 37-33-49E	UR 0187-5	SA-2, configuration undetermined			This site consists of six revetments arranged in a semicircle.		
73	Moscow SAM Site C30-2, [redacted]	55-54-10N 37-03-25E	UR 0187-4	SA-2, configuration undetermined					
74	Moscow SAM Site B29-2, [redacted]	55-47-50N 37-16-00E	UR 0187-5	SA-2, configuration undetermined					
75	Moscow SAM Site B26A-2, [redacted]	55-40-50N 37-05-40E	UR 0187-4	SA-2, configuration undetermined					
76	Moscow SAM Site B21-2, [redacted]	55-27-30N 37-23-00E	UR 0187-5	SA-2, configuration undetermined					
77	Moscow SAM Site C17-2, [redacted]	55-22-30N 37-46-30E	UR 0187-5	SA-2, configuration undetermined					
78	Moscow SAM Site C13-2, [redacted]	55-32-22N 38-06-10E	UR 0187-5	SA-2, configuration undetermined					
79	Moscow SAM Site C08-2, [redacted]	55-48-50N 38-15-00E	UR 0187-5	SA-2, configuration undetermined					
E. Tula SAM Defenses (in defense of small-arms, ammunition, machinery, and pig-iron plants; three large power plants; and headquarters of airborne division)									
69	Tula SAM Site A25-2, [redacted]	54-08-10N 37-21-30E	UR 0187-15	SA-2, configuration undetermined					An apparent attempt has been made to camouflage this site.
70	Tula SAM Site B06-2, [redacted]	54-17-30N 37-54-30E	UR 0187-15	SA-2, link					An apparent attempt has been made to camouflage this site.
71	Tula SAM Site B15-2, [redacted]	54-09-50N 37-47-20E	UR 0187-15	SA-2, link					
80	Tula SAM Support Facility, [redacted]	54-09-05N 37-34-20E	UR 0187-15	Type 1 (rectangular)					
F. Defense Role Undetermined									
72	Smolensk SAM Site A24-2, [redacted]	54-44-15N 31-55-40E	UR 0187-7	SA-2, modified link			The perimeter road of this SAM site is more rectangular than circular.		

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Table 2. SAM Installations on WAC 168

Item	Name, Site Designator, & BE No	Coordinates	Country & Map Ref	Type & Configuration	Mission & Date First Appears	Mission & Date Installation Negated	Remarks
NOTE: It is probable that the Soviets have attempted to create a zone defense in the USSR portion of this area, since many of the sites on the Soviet side of the border do not fall into obvious defense patterns. An attempt has been made to group these sites into logical complexes; however, it is recognized that the arrangement presented here is only one of several possible solutions.							
A. Kaliningrad SAM Defenses (in defense of strategic rail and water transportation routes; military supply depots, training bases, and garrisons; shipbuilding and railroad stock manufacturing; and MRBM complexes)							
1	Polesk SAM Site A17A-3, [REDACTED]	54-50-40N 21-06-40E	UR 0168-6	SA-2, configuration undetermined			
2	Polesk SAM Site A17-3, [REDACTED]	54-50-20N 21-06-45E	UR 0168-6	SA-2, configuration F			
3	Kaliningrad SAM Site C08-2, [REDACTED]	54-50-10N 21-07-20E	UR 0168-6	SA-2, star			
4	Kaliningrad SAM Site C11-3, [REDACTED]	54-38-00N 21-09-00E	UR 0168-6	SA-2, configuration G			
5	Kaliningrad SAM Support Facility 2, [REDACTED]	54-38-50N 21-09-58E	UR 0168-6	Type I (rectangular)			
B. USSR Western Border SAM Defenses (in defense of the western border of the USSR: Klaipeda--principal port of Lithuanian SSR with commercial and naval port facilities; Sovetsk; Kaunas--major transportation center; Chernyakhovsk--major rail transportation, military center, and MRBM deployment area; Grodno--large military training and supply base; Pruzhany MRBM Complex; and Brest--strategic rail transloading point, service and repair facility, and military center)							
6	Palanga SAM Site A08-3, [REDACTED]	55-59-51N 21-08-00E	UR 0168-1	SA-2, configuration F			
7	Palanga SAM Site A08-2, [REDACTED]	55-58-45N 21-08-30E	UR 0168-1	SA-2, link			
8	Klaipeda SAM Site A17-3, [REDACTED]	55-57-45N 21-10-00E	UR 0168-1	SA-2, configuration G			
9	Klaipeda SAM Site A17-2, [REDACTED]	55-57-40N 21-10-20E	UR 0168-1	SA-2, star			
10	Sovetsk SAM Site B39-3, [REDACTED]	55-17-45N 21-30-10E	UR 0168-1	SA-3, configuration F			
11	Sovetsk SAM Site B39-2, [REDACTED]	55-17-21N 21-30-30E	UR 0168-1	SA-3, link			
12	Sovetsk MRBM Complex SAM Site B01-3, [REDACTED]	55-09-55N 21-33-50E	UR 0168-6	SA-3, configuration G			
13	Sovetsk MRBM Complex SAM Site A06-3, [REDACTED]	55-00-40N 21-35-00E	UR 0168-6	SA-3, configuration F			
14	Sovetsk SAM Support Facility, [REDACTED]	55-08-45N 21-55-00E	UR 0168-6	Type II (square)			
15	Ragnit SAM Site A24-3, [REDACTED]	55-01-25N 21-59-50E	UR 0168-6	SA-2, configuration F			
16	Chernyakhovsk SAM Site B21-3, [REDACTED]	54-20-15N 21-35-30E	UR 0168-11	SA-3, probable configuration F			
17	Chernyakhovsk SAM Site B21-2, [REDACTED]	54-20-20N 21-36-18E	UR 0168-11	SA-2, link			
18	Chernyakhovsk SAM Site B16-2, [REDACTED]	54-24-50N 22-02-10E	UR 0168-6	SA-2, star			
19	Ozersk SAM Site A10-3, [REDACTED]	54-24-35N 22-02-25E	UR 0168-6	SA-3, configuration F			
20	Chernyshevskoye SAM Site A20-2, [REDACTED]	54-38-50N 22-43-05E	UR 0168-6	SA-2, star			
21	Marijampole SAM Site A16-2, [REDACTED]	54-29-00N 22-23-00E	UR 0168-7	SA-2, link			
22	Grodno SAM Site A29-2, [REDACTED]	53-42-40N 23-39-00E	UR 0168-12	SA-2, probable link			
23	Lida MRBM Complex SAM Site C39-3, [REDACTED]	53-59-55N 24-48-15E	UR 0168-13	SA-3, configuration F			
24	Lida MRBM Complex SAM Site C29-2, [REDACTED]	53-58-45N 24-48-20E	UR 0168-13	SA-2, link			
25	Shchuchin SAM Support Facility, [REDACTED]	53-35-00N 24-59-00E	UR 0168-18	Type II (square)			
26	Shchuchin SAM Site A26-2, [REDACTED]	53-35-30N 24-59-00E	UR 0168-18	SA-2, link			
27	Shchuchin SAM Site A27-3, [REDACTED]	53-35-45N 24-37-30E	UR 0168-18	SA-3, configuration F			
28	Volkovysk SAM Site A34-3, [REDACTED]	53-18-10N 24-21-30E	UR 0168-17	SA-3, configuration F			
29	Volkovysk SAM Site A34-2, [REDACTED]	53-18-00N 24-22-20E	UR 0168-17	SA-2, link			This site has two additional large revetments of unknown function associated with it.
30	Volkovysk SAM Site A28-3, [REDACTED]	53-10-10N 24-28-00E	UR 0168-17	SA-3, configuration undetermined			
31	Volkovysk SAM Site B19-3, [REDACTED]	52-55-20N 24-25-00E	UR 0168-17	SA-3, configuration F			
32	Volkovysk SAM Site B19-2, [REDACTED]	52-55-35N 24-25-20E	UR 0168-17	SA-2, link			This site has two additional large revetments of unknown function associated with it.
33	Pruzhany MRBM Complex SAM Site B06-3, [REDACTED]	52-40-00N 24-28-20E	UR 0168-22	SA-3, configuration F			
34	Pruzhany SAM Site C27-2, [REDACTED]	52-32-55N 23-46-20E	UR 0168-22	SA-2, link			
35	Pruzhany MRBM Complex SAM Site B10-2, [REDACTED]	52-30-00N 24-30-15E	UR 0168-22	SA-2, link			This site has two additional large revetments of unknown function associated with it.
36	Pruzhany MRBM Complex SAM Site B10-3, [REDACTED]	52-31-20N 24-31-00E	UR 0168-22	SA-3, configuration F			
37	Berezna SAM Support Facility, [REDACTED]	52-30-35N 24-58-40E	UR 0168-22	Type I (rectangular)			
38	Pruzhany SAM Support Facility, [REDACTED]	52-16-40N 24-30-50E	UR 0168-22	Type II (square)			
39	Pruzhany MRBM Complex SAM Site B16-3, [REDACTED]	52-16-10N 24-20-00E	UR 0168-22	SA-3, configuration F			
40	Brest SAM Site A08-2, [REDACTED]	52-13-40N 23-49-30E	UR 0168-22	SA-2, link			This SAM site has an unrevetted site adjacent to it.
41	Brest SAM Support Facility, [REDACTED]	52-07-30N 23-37-20E	UR 0168-22	Type I (rectangular)			
42	Brest SAM Site A11-2, [REDACTED]	52-03-10N 23-53-20E	UR 0168-22	SA-2, link			This site has two additional large revetments of unknown function associated with it.

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Table 2. (Continued)

Item	Name, Site Designator, & BE No	Coordinates	Country & Map Ref	Type & Configuration	Mission & Date First Appears	Mission & Date Installation Negated	Remarks			
C. Warsaw (Poland) SAM Defenses (in defense of the Polish capital: industrial, military, and governmental control center of Poland)										
43	Warsaw SAM Site B04-2, [REDACTED]	52-22-50N 21-11-00E	PO 0168-21	SA-2, fan						
44	Warsaw SAM Site B09-2, [REDACTED]	52-16-26N 21-26-00E	PO 0168-21	SA-2, fan						
45	Warsaw SAM Site B16-2, [REDACTED]	52-01-20N 21-10-10E	PO 0168-21	SA-2, fan						
D. Ukmerge and Jonava MRBM Complexes SAM Defenses (in defense of Ukmerge and Jonava MRBM Complexes)										
46	Kedainiai SAM Site A01-2, [REDACTED]	55-19-30N 23-59-10E	UR 0168-2	SA-2, link						
47	Ukmerge SAM Site A04-2, [REDACTED]	55-21-20N 24-53-00E	UR 0168-3	SA-2, star						
48	Jonava SAM Site A15-2, [REDACTED]	55-01-45N 24-21-05E	UR 0168-7	SA-2, star						
E. Vilnius SAM Defenses (in defense of Vilnius, capital of Lithuanian SSR: major military and rail facilities, Radio Plant 555)										
49	Vilnius SAM Site A34-2, [REDACTED]	54-48-50N 25-12-30E	UR 0168-6	SA-2, link						
50	Vilnius SAM Site A08-2, [REDACTED]	54-44-10N 25-26-50E	UR 0168-6	SA-2, link						
51	Vilnius SAM Site A26-2, [REDACTED]	54-38-00N 25-09-00E	UR 0168-6	SA-2, link						
F. Lida and Vselub MRBM Complexes SAM Defenses (in defense of Lida and Vselub MRBM Complexes)										
52	Vselub MRBM Complex SAM Site C09-2, [REDACTED]	54-09-10N 25-53-40E	UR 0168-13	SA-2, link	This site has one additional large revetment of unknown function associated with it.					
53	Lida MRBM Complex SAM Site A29-2, [REDACTED]	53-54-00N 25-14-10E	UR 0168-13	SA-2, link						
G. Baranovichi SAM Defenses (in defense of long-range bomber base [REDACTED] and military facilities)										
54	Baranovichi SAM Site B24-2, [REDACTED]	53-01-50N 25-45-10E	UR 0168-18	SA-2, fan	This site has two additional large revetments of unknown function associated with it. This site has two additional large revetments of unknown function associated with it.					
H. Pinsk MRBM Complex SAM Defenses (in defense of Pinsk MRBM Complex)										
55	Pinsk MRBM Complex SAM Site A25-2, [REDACTED]	52-09-30N 25-36-20E	UR 0168-23	SA-2, link						
56	Pinsk MRBM Complex SAM Site B11-2, [REDACTED]	52-07-40N 26-03-20E	UR 0168-23	SA-2, link						
I. Postavy MRBM Complex SAM Defenses (in defense of Postavy MRBM Complex)										
57	Postavy MRBM Complex SAM Site B34-2, [REDACTED]	55-28-00N 26-40-50E	UR 0168-4	SA-2, link						
58	Postavy MRBM Complex SAM Site B10-2, [REDACTED]	55-08-00N 27-14-00E	UR 0168-9	SA-2, link						
59	Postavy MRBM Complex SAM Site C27-2, [REDACTED]	55-07-00N 26-14-00E	UR 0168-8	SA-2, link						
60	Postavy MRBM Complex SAM Site C22-2, [REDACTED]	54-54-20N 26-26-40E	UR 0168-9	SA-2, fan						
J. Disna and Polotsk MRBM Complexes SAM Defenses (in defense of Disna and Polotsk MRBM Complexes)										
61	Disna SAM Site A21-2, [REDACTED]	55-45-40N 27-55-50E	UR 0168-14	SA-2, link						
62	Borkovichi MRBM Complex SAM Site B03-2, [REDACTED]	55-54-20N 28-38-20E	UR 0168-5	SA-2, link						
63	Polotsk SAM Support Facility, [REDACTED]	55-32-35N 28-42-20E	UR 0168-5	Type II (square)						
64	Polotsk SAM Site B24-2, [REDACTED]	55-12-28N 27-58-35E	UR 0168-4	SA-2, link						
K. Minsk SAM Defenses (in defense of major industrial and military center: radio, machine and tool, tractor, auto, bearing plants and minor industries; Minsk/Machulishche long-range bomber base [REDACTED])										
65	Minsk SAM Site B38-2, [REDACTED]	53-54-50N 27-10-45E	UR 0168-14	SA-2, link						
66	Minsk SAM Site A01-2, [REDACTED]	54-00-55N 27-34-35E	UR 0168-14	SA-2, link						
67	Minsk SAM Support Facility 1, [REDACTED]	53-54-50N 27-40-40E	UR 0168-14	Type I (rectangular)						
68	Minsk SAM Site B10-2, [REDACTED]	53-52-40N 27-55-10E	UR 0168-14	SA-2, link						
69	Minsk SAM Site A19-2, [REDACTED]	53-49-50N 27-45-10E	UR 0168-14	SA-2, link						
70	Minsk SAM Site A17-2, [REDACTED]	53-45-50N 27-38-00E	UR 0168-14	SA-2, link						

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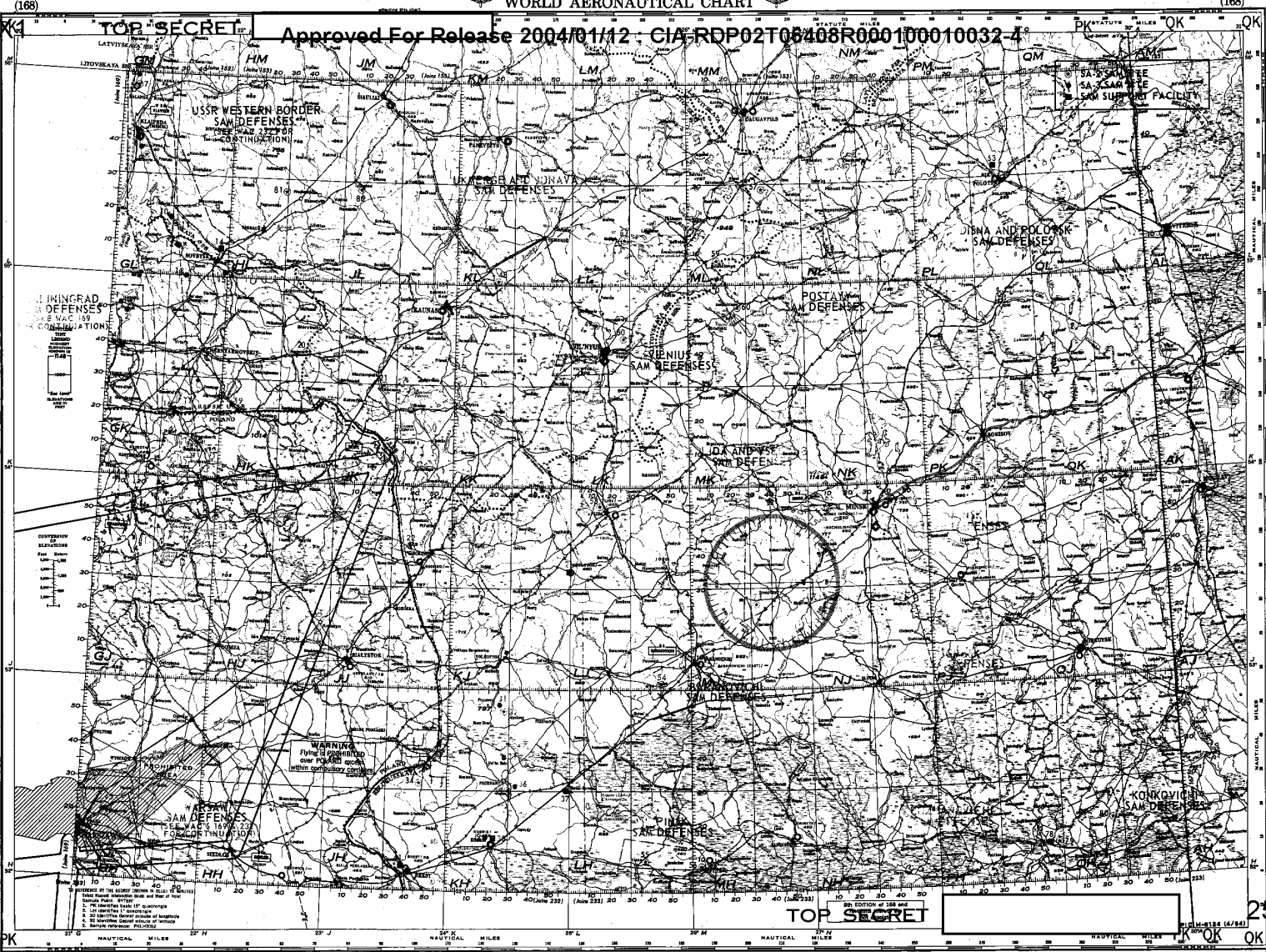
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NEMAN RIVER (168)

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Table 2. (Continued)

Item	Name, Site Designator, & BE No	Coordinates	Country & Map Ref	Type & Configuration	Mission & Date First Appears	Mission & Date Installation Negated	Remarks
L. Novaya Mezinovka SAM Defenses (in defense of Novaya Mezinovka Regional Military Storage Installation)							
71	Minsk SAM Site B26-2, [REDACTED]	53-43-30N 26-33-45E	UR 0168-14	SA-2, fan	[REDACTED]	[REDACTED]	[REDACTED]
72	Novaya Mezinovka SAM Support Facility, [REDACTED]	53-31-40N 26-56-40E	UR 0168-19	Type II (square)			
73	Baranovich SAM Site C05-2, [REDACTED]	53-25-40N 26-33-40E	UR 0168-14	SA-2, link			
M. Grek MRBM Complex SAM Defenses (in defense of Grek MRBM Complex)							
74	Slutsk SAM Site B36-2, [REDACTED]	53-13-30N 27-31-00E	UR 0168-19	SA-2, link	[REDACTED]	[REDACTED]	This site is located in a military training area.
75	Urechye SAM Site A13-2, [REDACTED]	52-55-40N 27-55-15E	UR 0168-19	SA-2, link			
N. Kozhanovich MRBM Complex SAM Defenses (in defense of Kozhanovich MRBM Complex)							
76	Kozhanovich SAM Site A28-2, [REDACTED]	52-13-20N 27-38-30E	UR 0168-24	SA-2, link	[REDACTED]	[REDACTED]	[REDACTED]
77	Kozhanovich SAM Site B13-2, [REDACTED]	52-07-00N 28-06-10E	UR 0168-24	SA-2, link			
O. Konkovich SAM Defenses (in defense of Konkovich MRBM Complex)							
78	Kalinkovich SAM Support Facility, [REDACTED]	52-11-20N 28-55-20E	UR 0168-25	Type II (square)	[REDACTED]	[REDACTED]	[REDACTED]
79	Kalinkovich SAM Site B29-2, [REDACTED]	52-11-45N 28-57-40E	UR 0168-25	SA-2, link			
80	Kalinkovich SAM Site A02-2, [REDACTED]	52-17-00N 29-34-30E	UR 0168-25	SA-2, link			
P. Defense Role Undetermined							
81	Taurage SAM Site B04-2, [REDACTED]	52-26-00N 22-29-55E	UR 0168-1	SA-2, link	[REDACTED]	[REDACTED]	This is a probable training site.
82	Raseiniai SAM Site A01-2, [REDACTED]	55-27-30N 23-08-30E	UR 0168-2	SA-2, link			
83	Vilnius SAM Site D02-2, [REDACTED]	55-13-15N 25-27-00E	UR 0168-3	SA-2, link			
84	Orzysz SAM Site A14-2, [REDACTED]	53-43-45N 22-02-25E	PO 0168-11	SA-2, link			

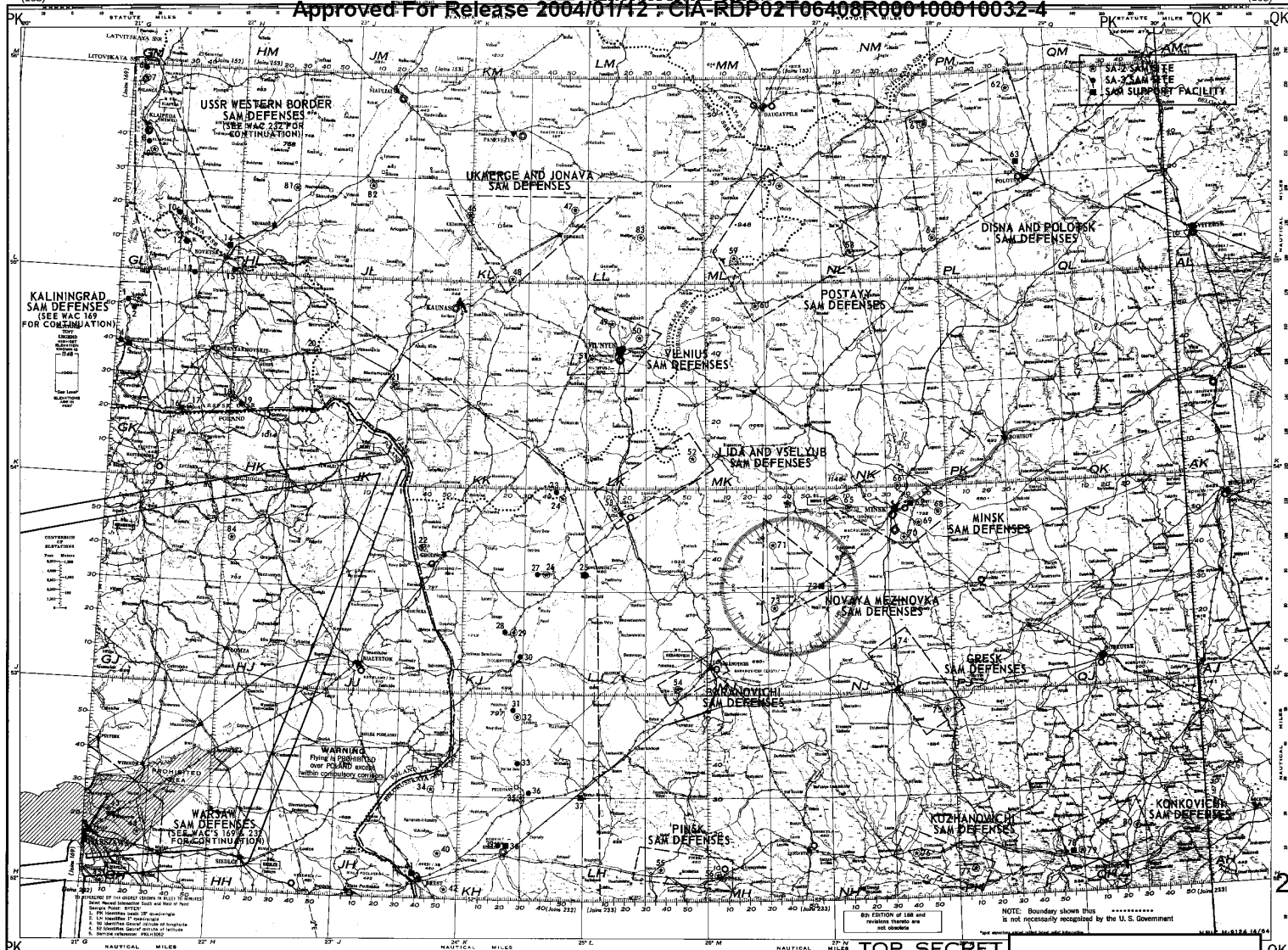
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Item	Name, Site Designator, & BE No	Coordinates	Country & Map Ref	Type & Configuration	Mission & Date First Appears	Mission & Date Installation Negated	Remarks

C. Gdynia/Gdansk (Poland) SAM Defenses (in defense of the ports of Gdynia and Gdansk. These sites may represent the beginning of a barrier defense along the Baltic coast of Poland)

20 Gdansk SAM Site C34-2, 54-41-45N 18-25-00E PO 0169-9 SA-2, probable fan
21 Gdansk SAM Site B03-2, 54-37-00N 18-46-40E PO 0169-9 SA-2, fan
22 Gdansk SAM Site A11-2, 54-21-20N 18-49-00E PO 0169-14 SA-2, fan

D. Kaliningrad SAM Defenses (in defense of strategic rail and water transportation routes; military supply depots, training bases, and garrisons; shipbuilding and railroad stock manufacturing; and MRBM complexes.

23 Kaliningrad SAM Site C82-3, 54-56-10N 20-02-35E UR 0169-10 SA-3, probable configuration I
24 Kaliningrad SAM Site B30-2, 54-50-00N 20-03-00E UR 0169-10 SA-2, link
25 Kaliningrad SAM Support Facility 1, 54-44-48N 20-04-15E UR 0169-10 Type I (rectangular)
26 Kaliningrad SAM Site B26-2, 54-49-55N 19-55-00E UR 0169-10 SA-3, link
27 Kaliningrad SAM Site C27-2, 54-39-50N 19-54-00E UR 0169-10 SA-3, configuration F
28 Kaliningrad SAM Site C26-2, 54-34-55N 19-49-30E UR 0169-10 SA-2, link
29 Kaliningrad SAM Site B02-3, 54-53-45N 20-33-40E UR 0169-10 SA-3, configuration G
30 Kaliningrad SAM Site B02-2, 54-53-20N 20-33-35E UR 0169-10 SA-2, star
31 Kaliningrad SAM Site A06-2, 54-44-20N 20-32-30E UR 0169-10 SA-2, configuration undetermined
32 Kaliningrad SAM Site A12-2, 54-40-45N 20-36-45E UR 0169-10 SA-2, link
33 Kaliningrad SAM Site B21-2, 54-52-35N 20-19-02E UR 0169-10 SA-2, link
34 Kaliningrad SAM Site B21-3, 54-27-25N 20-16-20E UR 0169-10 SA-3, probable configuration F
35 Kaliningrad SAM Site C13-3, 54-28-25N 20-59-59E UR 0169-10 SA-3, probable configuration F
36 Kaliningrad SAM Site C14-3, 54-25-25N 20-59-55E UR 0169-10 SA-2, star

E. Warsaw (Poland) SAM Defenses (in defense of Polish capital; industrial, military, and governmental control center of Poland)

37 Warsaw SAM Site C35-2, 52-35-10N 20-51-00E PO 0169-25 SA-2, fan
38 Warsaw SAM Site B31-2, 52-21-45N 20-44-00E PO 0169-25 SA-2, fan
39 Warsaw SAM Site C27-2, 52-12-10N 20-21-50E PO 0169-25 SA-2, fan
40 Warsaw SAM Site B23-2, 52-06-30N 20-46-25E PO 0169-25 SA-2, fan
41 Warsaw SAM Support Facility, 52-04-15N 20-40-40E PO 0169-25 Type I (rectangular)

This is a possible training site.

there were six warehouse-type buildings located adjacent to the eastern side of this facility. revealed that the six buildings had been replaced by two larger buildings, both served by a common apron. A loop turn-around had been added.

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REQUIREMENT

CIA. C-RR8-80,738

PROJECT

C-1580/68 (partial answer)

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